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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/041,121   | 01/08/2002  | Juha T. Rantala      | GO5-US              | 4515             |
| 7590   | 06/09/2004  |                      | EXAMINER            |                  |
| KUBOVCIK & KUBOVCIK<br>THE FARRAGUT BUILDING<br>900 17TH STREET, NW<br>SUITE 710<br>WASHINGTON, DC 20006 |             |                      | DAVIS, BRIAN J      |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 1621                |                  |
| DATE MAILED: 06/09/2004  |             |                      |                     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                            |                  |  |
|------------------------------|----------------------------|------------------|--|
| <b>Office Action Summary</b> | Application No.            | Applicant(s)     |  |
|                              | 10/041,121                 | RANTALA ET AL.   |  |
|                              | Examiner<br>Brian J. Davis | Art Unit<br>1621 |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 08 March 2004.
- 2a) This action is **FINAL**.                                   2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-12,15-22,24-53 and 57-62 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-12,15-22,24-53 and 57-62 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All   b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Clarification***

The examiner notes for clarity of the record that the elected species as defined by applicant in the Response to Restriction Requirement is drawn incorrectly. The species does not conform to the formula of claim 1. The species as drawn contains two Cl moieties instead of one. This should have been noted in the previous Office Action. The examiner regrets the oversight.

### ***101 Rejections Withdrawn***

The rejection of claim 61 under 35 USC 101, outlined in the previous Office Action, has been overcome by applicant's amendment. The amendment rewrites the claim as a method claim.

### ***112 Rejections Withdrawn***

The rejection of claims 1-62 under 35 USC 112, second paragraph, outlined in the previous Office Action, has been overcome by applicant's amendment. With respect to claims 1, 61 and 62, the claims have been clarified as appropriate. The amendment cancels claims 13, 14, 23 and 54-56. With respect to the remaining claims, the rejection is moot.

***102 Rejections Withdrawn***

The rejection of claims 1-62, in so far as they read on the species defined in the previous Office Action, under 35 USC 102(b), outlined in the previous Office Action, has been overcome by applicant's amendment. The amendment narrows the claims such that M can only be Si or Ge. Claims 13, 14, 23 and 54-56 have been canceled.

***Allowable Subject Matter***

The elected species remains free of the prior art.

Applicant having overcome the outstanding 102 rejection, the search was therefore expanded as called for under current Office Markush practice, a compound-by-compound search, to include a single additional species. That species is defined when: R<sup>1</sup>=R<sup>2</sup>=Me; R<sup>4</sup>=perfluoronated phenyl; M=Si; and R<sup>5</sup>=OR<sup>3</sup> where R<sup>3</sup> is n-butyl. A rejection follows:

***Claim Rejections - 35 USC § 102***

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-12, 15-22, 24-53 and 57-62, in so far as they read on the species defined above, are rejected under 35 U.S.C. 102(b) as being clearly anticipated by *Journal of Chromatography* (1977), 132(3), p. 548-51 (CAPLUS abstract). The reference teaches applicant's compound: RN=62394-61-0.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Davis whose telephone number is 571-272-0638. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Johann Richter can be reached on 571-272-0646. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**BRIAN DAVIS**  
**PRIMARY EXAMINER**  
Brian J. Davis  
June 6, 2004